Nova Scotia

ANNUAL REPORT

for the fiscal year ending March 31, 1990

Department of Labour

Fire Marshal

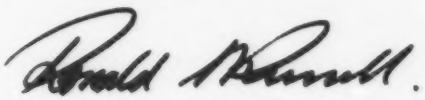
ISSN 0085-4395

To His Honour
The Honourable Lloyd R. Crouse, P.C.
Lieutenant-Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire Marshal, Department of Labour, for the fiscal year ending March 31, 1990.

Respectfully submitted,



Ronald S. Russell, C.D.
Minister of Labour

The Honourable Ronald S. Russell, C.D.
Minister of Labour
Province of Nova Scotia

Dear Sir:

I have the honour to present the 1989-90 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,

Thomas S. Makin, C.D.
Fire Marshal

93-00775/

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REPORT OF THE FIRE MARSHAL

Loss of Life and Injuries

Fire claimed the lives of 35 persons during the 12-month period ending March 31, 1990—18 men, 6 women, 10 children, and 1 fire fighter.

The following were reported as the main known causes of fire involving the loss of life:

- Smoking materials accounted for 10 deaths or 29 per cent;
- Cooking equipment accounted for 9 deaths or 26 per cent;
- Heating equipment accounted for 4 deaths or 18 per cent.

Thirty-two of the fire deaths occurred in residential settings — 25 in one- and two- family dwellings, 5 in apartments, and 2 in mobile homes.

Fire also injured 52 persons, including 29 fire fighters.

Property Loss

The recorded fire loss in the Province of Nova Scotia for the fiscal year was placed at $24,039,652 as a result of 2,571 reported fires. This compares with a fire loss of $23,671,358 in 2,365 fires in the previous fiscal year, an increase of over 1 per cent in dollar loss and less than 1 per cent in the number of fires.

During the fiscal year, two fires accounted for $2,500,000 or better than 10 per cent of the total monetary loss.

Main Causes of Fires

The following are the reported main known causes of fires:

- Heating equipment—815 fires with a monetary loss of $3,951,396
- Cooking equipment—288 fires with a monetary loss of $3,273,848

- Electrical distribution equipment—277 fires with a monetary loss of $4,642,681

- Smoking materials and open flame—196 fires with a monetary loss of $1,951,318

- Arson or "set fires"—230 fires with a monetary loss of $1,939,661

There were 788 undetermined fires with a monetary loss of $8,070,091; these accounted for 34 per cent of the total monetary loss and 31 per cent of the reported fires.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureau, or the Fire Marshal's staff.

A total of 230 fires with a monetary loss of $1,939,661 were attributed to arson or suspected incendiary fires, compared with 221 fires and a monetary loss of $3,516,899 in the previous year, a 55 per cent decrease in monetary loss.

The one arson charge laid involved a monetary loss of $50,976.

Fire Prevention Activities

The following statistics highlight the principal activities carried out by the Office of the Fire Marshal for the fiscal year ending March 31, 1990.

INSPECTIONS

Assembly	553
Business and Personal Service	123
Electrical	89
Industrial	66
Institutional Occupancy	223
Lightning Rod Installations	7
L.P. Gas Installations	525
Mercantile	135
Residential	255
Special	31
Sprinkler Systems	209

PLAN EXAMINATIONS

Buildings	628
Electrical Installations	9
L.P. Gas Systems	504
Sprinkler Systems	42
Other	21

MEETINGS ATTENDED

Architectural	599
Banquets and Associations	33
Electrical	73
Fire Chiefs	184
L.P. Gas	253
Sprinkler	75
Government, Municipal, Civic	73
Other	82

FIRE AND LIFE SAFETY TRAINING SESSIONS CONDUCTED

Fire Service	36
Industry	1
Institutional	11
Other	14

SEMINARS ATTENDED 15

FIRE INVESTIGATIONS CONDUCTED 146

COURT APPEARANCES 8

DISPLAY BOOTH FOR FIRE SAFETY 3

TELEVISION APPEARANCES 1

The L.P. Gas Board of Examiners was very active during the year in certifying persons working in the propane industry. A total of 393 applicants wrote 398 examinations; the Board of Examiners held 17 meetings.

Summary

In reviewing the fire losses for this fiscal year compared with 1989, it is noted that the number of fires increased by 206 while the total monetary loss increased by only $368,294 or just over 1.5 per cent.

The province of Nova Scotia has $27.53 loss per capita, which represents a very low increase of $0.88 per capita compared to the last fiscal year.

It is indeed sad to say that the loss of life is well above last year's 20 and above our ten-year average of 27. This is due, in my view, to the lack of working smoke alarms in private homes and the lack of knowledge of fire prevention, fire escape, and fire extinguishment.

My sincere appreciation is extended to the fire departments, industrial brigades, and other fire prevention services for the excellent co-operation received during the year. I would like to thank all municipal authorities, insurance companies, the Insurance Crime Prevention Bureau, the Insurance Advisory Organization, officers and members of the Royal Canadian Mounted Police and municipal forces, and the press and television stations for their excellent co-operation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service.

I thank the people of Nova Scotia who assisted in fire prevention and protection in so many ways for their support of the fire service.

Respectfully submitted,

Thomas S. Makin, C.D.
Fire Marshal

TABLE I
TYPE OF PROPERTY WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1989–March 31, 1990)

	Deaths					Injuries				
PROPERTY CLASS	**Men**	**Women**	**Child-ren**	**Fire fighters**	**Total**	**Men**	**Women**	**Child-ren**	**Fire fighters**	**Total**
Museum, art gallery, library	-	-	-	-	-	-	-	-	4	4
One- and two-family dwellings	11	5	8	-	24	4	2	1	6	13
Apartment, tenement, flat	3	-	1	1	5	2	2	-	13	17
Rooming, boarding, lodging house, hostel	-	-	-	-	-	1	-	-	-	1
Mobile home, trailer	1	1	-	-	2	-	-	-	-	-
Miscellaneous residential	1	-	-	-	1	-	-	-	-	-
Personal service	-	-	-	-	-	-	-	-	2	2
Vehicles and related equipment	-	-	-	-	-	-	-	-	1	1
Watercraft	-	-	1	-	1	6	2	2	-	10
Ground transport vehicles	1	-	-	-	1	-	-	-	2	2
Miscellaneous outbuildings	-	-	-	-	-	1	-	-	1	2
Miscellaneous	1	-	-	-	1	-	-	-	-	-
TOTAL	18	6	10	1	35	14	6	3	29	52

TABLE II
IGNITING OBJECT WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1989–March 31, 1990)

IGNITING OBJECT	Deaths					Injuries				
	Men	Women	Children	Fire fighters	Total	Men	Women	Children	Fire fighters	Total
Cooking Equipment:										
Stove, range	2	1	2	-	5	3	-	-	1	4
Food-warming appliance	2	1	-	-	3	-	-	-	-	-
Unclassified	-	1	-	-	1	-	-	-	-	-
Heating Equipment:										
Central heating unit	1	-	-	-	1	-	-	-	-	-
Space heater—stationary	2	-	1	-	3	2	1	-	-	3
Space heater—portable	-	-	-	-	-	-	-	-	1	1
Unclassified	-	-	-	-	-	-	-	-	3	3
Electrical Distribution Equipment:										
Electric wiring, cable (perm.)	-	-	-	-	-	-	-	-	1	1
Electric wiring, cable (temp.)	-	-	-	-	-	2	-	-	-	2
Panelboard, switchboard	-	-	-	-	-	-	1	-	-	1
Unclassified	1	-	-	-	1	-	-	-	-	-
Smoker's Material and Open Flame:										
Smoker's material	7	2	1	-	10	1	-	1	2	4
Match, lighter (not used in conjuction with smoking)	-	-	2	-	2	-	-	-	-	-
Hot ashes, embers	-	-	-	-	-	-	-	-	1	1
Unclassified	-	-	-	-	-	-	-	-	1	1
Miscellaneous:										
Chemical reaction, spontaneous combustion	-	-	3	-	3	1	-	-	-	1
Unclassified	13	1	1	1	16	5	4	2	19	30
TOTAL	18	6	10	1	35	14	6	3	29	52

TABLE III
ACT OR OMISSION WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1989–March 31, 1990)

IGNITING OBJECT	Deaths					Injuries				
	Men	Women	Children	Fire fighters	Total	Men	Women	Children	Fire fighters	Total
Suspected Incendiary	-	-	-	-	-	1	-	-	-	1
Misuse of Source of Ignition										
Smoker's material	7	2	1	-	10	1	-	1	2	4
Child playing with	-	-	2	-	2	-	-	-	-	-
Torch too close to	-	-	-	-	-	-	-	-	3	3
Unclassified	-	-	1	-	1	1	-	-	2	3
Misuse of Material Ignited										
Fuel Spilled accidentally	-	-	-	-	-	1	-	-	-	1
Overheated cooking oil, grease, wax	-	-	-	-	-	2	-	-	1	3
Combustible placed too close to heat	1	1	-	-	2	1	-	-	1	2
Unclassified	1	1	2	-	4	1	-	-	-	1
Mechanical/Electrical Failure Malfunction										
Unclassified	3	-	-	-	3	2	1	-	2	5
Construction, Design or Installation Deficiency	1	-	-	-	1	-	1	-	-	1
Misuse of Equipment:										
Unclassified	1	-	-	-	1	-	-	-	-	-
Human Failing										
Ignorance of hazard	-	-	1	-	1	-	-	-	1	1
Unclassified	4	2	4	1	11	5	4	2	19	31
TOTAL	18	6	10	1	35	14	6	3	29	52

TABLE IV
GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES
DUE TO FIRE
(April 1, 1989–March 31, 1990)

Location	No. of Fires	Insured Loss	Uninsured Loss
Annapolis County			
Annapolis County (unclassified areas)	16	$102,601	$1,784
Annapolis Royal	7	56,180	200
Bridgetown	2	2,500	0
Lawrencetown and district	3	27,710	0
Margaretville	7	20,000	0
Middleton	25	200,676	5,372
Nictaux	2	6,745	200
Port Lorne and district	0	0	0
Springfield	1	330	1,200
SUBTOTAL	63	$416,742	$8,756
Antigonish County			
Antigonish County (unclassified areas)	14	$106,319	$ 811
Antigonish County	0	0	0
Antigonish	27	151,345	25,418
Auld's Cove	2	0	0
Four Valleys, Maryvale	0	0	0
Havre Boucher and district	0	0	0
Northshore	0	0	0
Pomquet	6	328,900	12,600
St. Andrew's and district	2	179,990	0
Tracadie and district	0	0	0
SUBTOTAL	51	$766,554	$38,829
Cape Breton County			
Cape Breton County (unclassified areas)	82	$672,690	$9,076
Albert Bridge Community	8	127,500	5,000
Big Pond	0	0	0
Birch Grove	1	2,000	0
Coxheath	1	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
District 6, Christmas Island	1	0	0
District 14, Louisbourg	0	0	0
Dominion	10	25,175	0
Donkin	0	0	0
Florence	16	109,733	2,200
French Vale Road	1	6,500	0
Gabarus	0	0	0
George's River	2	4,000	14,000
Glace Bay	10	146,380	9,803
Grand Lake Road	4	4,400	0
Louisbourg	3	165,700	0
Marion Bridge	3	12,250	5,000
Mira Road	3	506,000	0
New Victoria	4	0	0
New Waterford	49	392,754	6,600
North Sydney	4	7,548	250
Northside East Bay	0	0	0
Port Morien	0	0	0
Reserve Mines	12	191,506	250
Scotchtown	12	236,916	0
South Bar and district	3	23,900	400
Sydney	87	341,519	23,950
Sydney Mines	9	72,091	600
Sydney River	1	15,000	0
Tower Road	0	0	0
Westmount	1	41,535	0
Howie Centre	10	1,500	0
Boisdale	0	0	0
SUBTOTAL	337	$3,106,597	$77,129
Colchester County			
Colchester County (unclassified areas)	11	$294,013	$ 4,466
Bass River	0	0	0
Bible Hill Fire Brigade	7	72,688	14,200
Brookfield	2	48,000	8,000

TABLE IV — Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Cobequid district	5	0	0
Debert Fire Brigade	3	80,000	30,000
Economy Fire Brigade	0	0	0
Five Islands district	6	7,535	200
Great Village and district	4	2,344	0
Hilden	0	0	0
North River and district	3	7,165	200
Onslow-Belmont	1	0	0
Salmon River	0	0	0
Stewiacke	4	71,522	25,200
Tatamagouche	3	20,365	0
Truro	14	35,000	0
Upper Stewiacke	2	94,000	0
Valley-Kemptown and district	3	169,000	0
SUBTOTAL	68	$901,632	$82,266
Cumberland County			
Cumberland County (unclassified areas)	38	$293,232	$ 57,665
Advocate and district	4	48,800	0
Amherst	6	226,383	5,287
Collingwood district	2	16,500	0
Fox River, Port Greville, Wards Brook	1	0	0
Joggins	0	0	0
Oxford	7	32,482	400
Parrsboro	7	21,245	2,215
Pugwash	0	0	0
River Hebert	1	0	0
Southampton	2	38,532	1,266
Springhill	8	295,302	95,000
Tidnish Bridge	1	1,200	1,000
Truemanville	0	0	0
Wallace	20	9,530	0
Wentworth	6	2,500	0
Westchester	0	0	0
SUBTOTAL	103	$985,706	$162,833

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Digby County			
Digby County (unclassified areas)	40	$ 51,159	$ 620
Bear River	12	78,784	10,350
Brighton and Barton	3	35,836	0
Digby	6	245,268	479
Digby Neck	1	0	0
Freeport	0	0	0
Havelock	0	0	0
Hectanooga	0	0	0
Little Brook	26	34,262	400
Meteghan	40	23,470	1,800
Plympton-Gilbert's Cove	4	19,113	17,000
St. Bernard's	17	14,090	0
Salmon River	18	22,759	5,200
Smith's Cove	1	60,000	0
Southville and area	0	0	0
Tiverton	0	0	0
Westport	1	0	200
Weymouth	4	12,445	200
SUBTOTAL	173	$597,186	$36,249
Guysborough County			
Guysborough County (unclassified areas)	5	$63,084	$35,100
Canso	8	3,000	13,000
Chedabucto	1	0	0
District 6, Goshen	1	690	200
Down East Firefighters	1	0	40,000
Ecum Secum	0	0	0
Erinville	2	449	33,500
Guysborough	5	30,500	100
Harbourview	2	0	0
Hazel Hill and district	0	0	0
Liscomb	1	0	0
Little Dover	3	29,081	0
Manchester-Boylston	2	12,000	0
Mulgrave	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
St. Mary's District Firemen's Association	3	15,000	0
Seashore	0	0	0
Seven Communities	1	20,590	252
Tor Bay	0	0	0
Whitehead	0	0	0
SUBTOTAL	35	$174,394	$122,152
Halifax County			
Halifax County (unclassified areas)	71	$521,633	$34,355
Bay Road, District 3	0	0	0
Beaver Bank-Kinsac	5	66,248	9,600
Bedford	32	86,917	7,450
Chezzetcook, Head Chezzetcook	15	313,202	31,315
Dartmouth	137	228,139	5,450
District 1, Black Point	2	1,000	0
District 4, Terence Bay	8	51,500	20,000
District 8, Echo Terrace	5	0	4,000
District 9A, Porter's Lake	15	31,550	0
District 10 East, Oyster Pond-Jeddore	1	1,500	0
Dutch Settlement	1	0	0
Eastern Halifax County	0	0	0
Eastern Passage, Cow Bay (District 6)	17	140,417	13,700
Goff's	0	0	0
Grand Lake-Oakfield	0	0	0
Halifax	285	1,200,390	1,450
Hammonds Plains	1	0	0
District 5 West	2	51,000	21,000
Hatchet Lake	2	23,235	18,000
Herring Cove and district	4	42,000	0
Hubbards and district	1	15,000	0
Lakeside	0	0	0
Lakeview-Windsor Junction-Fall River	4	0	0
Meagher's Grant	0	0	0
Middle Musquodoboit	2	194,150	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Mooseland	0	0	0
Musquodoboit Harbour	16	29,970	0
Ostrea Lake and Pleasant Point	0	0	0
Sackville and district	62	501,045	550
Seabright and district	1	0	0
Sheet Harbour	17	7,012	0
Tangier	0	0	0
Three Harbours	0	0	0
Upper Hammonds Plains	0	0	0
Upper Musquodoboit	3	31,228	1,272
Waverley	0	0	0
Wellington-Lake Fletcher	7	2,000	0
Westphal-Cole Harbour (District 7–7A)	79	171,374	250
SUBTOTAL	795	$3,710,690	$168,392
Hants County			
Hants County (unclassified areas)	23	$69,785	$2,562
Brooklyn	13	62,940	2,064
Cooks Brook and district fire brigade	0	0	0
Elmsdale and district	7	215,676	46,000
Enfield	17	537,155	299
Gore district	3	71,000	0
Hantsport	4	65,898	0
Kennetcook district	6	133,800	0
Lantz	4	7,000	0
Maitland and district	0	0	0
Milford	0	0	0
Moosebrook-Minasville	1	500	0
Nine Mile River Fire Protection Club	1	0	0
Noel and district	2	2,299	564
Shubenacadie and district	3	17,625	9,200
Summerville and district	5	65,412	250
Uniacke and district	0	0	0
Upper Rawdon	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Walton Shore	1	0	0
Windsor	31	346,618	15,300
SUBTOTAL	121	$1,595,708	$76,239
Inverness County			
Inverness County (unclassified areas)	16	730,482	1,050
Ainslie-Upper Margaree	3	38,000	0
Cheticamp	6	6,000	250
Inverness	4	66,464	200
Judique	0	0	0
Lemoine	1	300,000	0
Mabou and district	1	0	0
Margaree	0	0	0
North East Margaree	1	1,900	0
Pleasant Bay	5	86,492	250
Port Hastings	5	48,646	0
Port Hawkesbury	1	130,200	200
Port Hood	0	0	0
Valley Mills and district	1	0	0
West Bay Road and district	0	0	0
Whycocomagh	2	60,000	0
SUBTOTAL	46	$1,468,184	$ 1,950
Kings County			
Kings County (unclassified areas)	30	$104,636	$ 4,876
Aylesford	36	1,258	0
Berwick	0	0	0
Canning and district	7	0	0
Greenwich	4	7,589	0
Kentville	10	113,654	400
Kingston	4	18,541	0
New Minas	1	30,000	0
Port Williams	3	22,177	16,790
Waterville and district	2	7,161	475

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Wolfville	5	30,321	0
SUBTOTAL	102	$335,337	$22,541
Lunenburg County			
Lunenburg County (unclassified areas)	25	$42,333	$13,465
Baker Settlement and district	0	0	0
District #1, Blandford	7	5,000	200
Blockhouse	1	0	0
Bridgewater	8	539,847	0
Chelsea	0	0	0
Chester	28	3,973	100
Chester Basin	5	65,000	0
Conquerall Bank	8	216,725	85,200
Cornwall	2	12,500	1,250
Crousetown	0	0	0
Dayspring and district	1	0	0
Hebbs Cross	0	0	0
Hebbville	7	24,745	200
Hemford and district	1	22,200	0
Indian Point	0	0	0
Italy Cross/Middlewood	3	5,520	0
La Have and district	5	325	100
Lapland and district	0	0	0
Lunenburg	7	49,500	3,000
Mader's Cove	2	4,328	0
Mahone Bay	6	7,725	0
Maitland and district	1	220,000	0
Martin's River	0	0	0
Midville and district	7	200	1,000
New Germany	0	0	0
New Ross	1	1,707	241
Newcombville and district	1	0	125,000
Northfield	2	2,152	200
Oakhill and district	3	26,582	400
Petite Riviere	0	0	0
Pleasantville	2	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Riverport and district	12	91,000	0
Tancook Island	0	0	0
United Communities	5	107,379	2,171
Western Shore	0	0	0
Wileville	0	0	0
SUBTOTAL	150	$1,448,741	$232,527
Pictou County			
Pictou County (unclassified areas)	18	$ 133,364	$ 14,932
Abercrombie	8	1,019,917	0
Alma	5	100,691	0
Barney's River district	1	34,000	0
Blue Mountain and district	0	0	0
Caribou district	5	170,300	15,750
East River Valley	1	91,200	0
Eureka	1	4,380	0
Linacy	2	8,300	0
Little Harbour	4	5,100	0
Merigomish and district	4	84,175	0
New Glasgow	3	126,291	21,005
Pictou	1	1,840	200
Pictou Island	0	0	0
Pictou Landing	0	0	0
Plymouth	1	0	200
River John	1	1,500	0
Scotsburn	5	5,827	273,100
Stellarton	4	78,170	800
Thorburn	4	28,885	0
Trenton	23	93,734	817
West River	2	3,630	0
Westville	2	47,048	0
SUBTOTAL	95	$2,038,352	$326,804
Queens County			
Queens County (unclassified areas)	14	$11,776	$1,300
Charleston	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Greenfield and district	8	42,476	0
Liverpool	29	171,948	3,900
Mill Village	2	47,104	200
North Queens Fire Association Inc.	1	201,726	750
Port Medway	0	0	0
SUBTOTAL	54	$475,030	$6,150
Richmond County			
Richmond County (unclassified areas)	6	$ 17,620	$ 50
District 10, Johnstown	0	0	0
Framboise-Fourchu	0	0	0
Grand River	2	90,000	20,000
Isle Madame	4	138,507	15,200
L'Ardoise	10	0	0
Loch Lomond	0	0	0
Louisdale	0	0	0
St. Peter's and district	25	1,508,158	200
SUBTOTAL	47	$1,754,285	$35,450
Shelburne County			
Shelburne County (unclassified areas)	47	$200,710	$5,112
Barrington 7E	3	85,000	0
Barrington Passage, Dist. 7W	10	322,564	0
Clark's Harbour	0	0	0
District 6W	1	250	200
District 8, Port LaTour	1	743	675
Gunning Cove	0	0	0
Harbour	2	1,750	0
Ingomar-Roseway	0	0	0
Jordan	2	2,875	1,295
Lockeport	11	130,551	37,241
Port Clyde	1	2,000	0
Sable River	1	16,000	0
Shag Harbour-Bear Point	0	0	0

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Shelburne	7	19,411	914
Woods Harbour Fire Dept. Inc.	3	12,465	200
SUBTOTAL	89	$794,319	$45,637
Victoria County			
Victoria County (unclassified areas)	11	$ 91,719	$ 800
Baddeck	5	114,800	12,000
Bay St. Lawrence	0	0	0
Big Bras D'Or	2	36,200	0
Cabot	1	34,000	0
Ingonish	7	106,503	0
Iona	0	0	0
Middle River	0	0	0
Neil's Harbour-New Haven	2	34,000	0
North Shore and district	0	0	0
Ross Ferry	0	0	0
South Side Boularderie	1	100	0
SUBTOTAL	28	$417,322	$12,800
Yarmouth County			
Yarmouth County (unclassified areas)	10	$29,278	$100
Carleton	2	30,000	0
Comeau's Hill and Little River Harbour	0	0	0
Eel Brook and districts	0	0	0
East Pubnico	1	30,000	0
Islands and district	1	120,000	0
Kemptville and district	0	0	0
Lakes and district	6	32,000	0
Lake Vaughan	0	0	0
Port Maitland	3	136,683	0
Quinan and district	3	25,364	765
Valley and district	6	3,700	0
Wedgeport-Plymouth	2	50,000	0
West Pubnico	19	1,850	300

TABLE IV—Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Yarmouth	159	1,020,180	115,949
SUBTOTAL	212	$ 1,479,055	$ 117,114
Federal Government Property	0	$ 0	$ 0
TOTAL	2,571	$22,465,834	$1,573,818

TABLE V
BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1989–March 31, 1990)

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Assembly				
Theatre, studio, auditorium	2	$ 100	$ 0	$ 100
Amusement, recreation place	9	10,109	0	10,109
School, college, university	12	2,100	0	2,100
Church, funeral parlour	4	309,587	0	309,587
Clubs, social, sport	4	1,000,276	100	1,000,376
Museum, art gallery, library	3	0	0	0
Food/beverage establishment	17	1,008,092	500	1,008,592
Passenger terminal station	1	0	0	0
Miscellaneous	1	0	0	0
SUBTOTAL	53	$2,330,264	$600	$2,330,864
Institutional				
Prison, jail, reformatory	3	$ 0	$ 0	$ 0
Home for aged	6	3,500	0	3,500
Child care	0	0	0	0
Hospital, sanatorium, clinic	11	154,507	1,000	155,507
Miscellaneous	2	145	0	145
SUBTOTAL	22	$158,152	$1,000	$159,152
Residential				
One- two-family dwellings	1,188	$9,843,498	$684,981	$10,528,479
Apartment, tenement, flat	127	924,792	38,004	962,796
Rooming/boarding/lodging house, hostel	7	40,845	0	40,845
Hotel, inn, lodge	8	204,726	750	205,476
Motor hotel, motel	5	38,563	0	38,563
Dormitory	4	8,900	0	8,900
Mobile home, trailer	70	928,501	147,228	1,075,729
Miscellaneous	168	387,444	10,613	398,057
SUBTOTAL	1,577	$12,377,269	$881,576	$13,258,845
Business and Personal Service				
Office	15	60,722	6,750	67,472
Personal service	2	105,200	0	105,200

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Electronic equipment	0	0	0	0
Miscellaneous	4	28,000	0	28,000
SUBTOTAL	21	$193,922	$6,750	$200,672
Mercantile				
Food, beverage	8	$ 445,235	$ 8,250	$ 453,485
Textiles, wearing apparel	1	219,915	0	219,915
Furniture, appliances, hardware	7	241,692	514	242,206
Books, newspapers, drugs, specialties	1	40,000	0	40,000
Recreation, hobby supplies	2	21,810	0	21,810
Repair shop, laundry, dry cleaner	1	3,000	0	3,000
Motor vehicles, boats sales and service	12	121,125	21,000	142,125
Department, variety stores	6	45,000	0	45,000
Miscellaneous	6	563,795	250	564,045
SUBTOTAL	44	$1,701,572	$30,014	$1,731,586
Industrial Manufacturing				
Chemicals, petroleum, paints, plastics— manufacturing, processing	3	$ 12,117	$15,000	$ 27,117
Wood, furniture, paper, printing	16	206,142	2,400	208,542
Metal, metal products, electrical equipment and appliances	3	42,887	10,000	52,887
Food processing	7	146,438	5,450	151,888
Beverage, tobacco, soap, margarine	0	0	0	0
Textiles	0	0	0	0
Footwear, wearing apparel	1	0	0	0
Vehicles and related equipment	3	500	0	500
Miscellaneous	0	0	0	0
SUBTOTAL	33	$408,084	$32,850	$440,934

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Storage				
Agricultural products	0	$ 0	$ 0	$ 0
Textiles, fibre, clothing	1	500,000	0	500,000
Processed food, beverages	0	0	0	0
Flammable liquids, gases, petroleum products	0	0	0	0
Wood, furniture, paper and products	2	77,000	75,000	152,000
Chemicals, plastics, paints	0	0	0	0
Metal products, machinery, electrical appliances	1	500	0	500
Vehicles	49	1,831,634	21,516	1,853,150
Miscellaneous	14	285,454	394,522	679,976
SUBTOTAL	67	$2,694,588	$491,038	$3,185,626
Special				
Outdoor property	5	$ 0	$ 0	$ 0
Special connecting thoroughfare	3	250,000	0	250,000
Under construction or demolition—vacant	6	2,000	0	2,000
Watercraft	9	80,873	200	81,073
Rail transport vehicle and equipment	1	0	0	0
Ground transport vehicle	556	1,188,107	31,319	1,219,426
Aircraft	0	0	0	0
Special vehicles	16	124,931	2,210	127,141
Miscellaneous	0	0	0	0
SUBTOTAL	596	$1,645,911	$33,729	$1,679,640
Miscellaneous				
Laboratories	2	$ 0	$ 0	$ 0
Farm facilities	42	393,929	56,100	450,029
Miscellaneous outbuildings	39	246,910	38,611	285,521

TABLE V—Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Utility	27	32,094	450	32,544
Cement, glass, pottery manufacturing	1	500	0	500
Mining, quarrying	0	0	0	0
Communications	4	1,778	200	1,978
Nucleonics	0	0	0	0
Miscellaneous	43	280,861	900	281,761
SUBTOTAL	158	956,072	96,261	1,052,333
TOTAL	2,571	$22,465,834	$1,573,818	$24,039,652

TABLE VI
BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1990–March 31, 1991)

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
No Igniting Object	38	$305,703	$8,391	$314,094
SUBTOTAL	38	$305,703	$8,391	$314,094
Cooking Equipment				
Stove, range—top burner area (involving fire in pan)	7	$ 80,212	$ 200	$ 80,412
Stove, range—top burner area (involving fire in domestic deep fat fryer or pot)	156	1,746,636	98,654	1,845,290
Stove, range—top burner area (involving other circumstances)	12	13,486	800	14,286
Oven of stove, range	6	4,357	200	4,557
Chafing dish, fondue	0	0	0	0
Deep fat fryer—separate appliance	0	0	0	0
Fry pans, grills—not on stove	1	73,995	12,252	86,247
Other cooking unit—portable (includes hot plate, camp stove, warming tray)	0	0	0	0
Open-fired broiler—fixed type	1	0	0	0
Open-fired broiler—portable (includes barbecue)	10	2,541	350	2,891
Food-warming appliance (coffee urn, steam table, warming drawer warming table, electric kettle, microwave oven)	10	70,058	200	70,258
Toaster, waffle iron	2	200	0	200
Other than listed	83	1,132,547	37,160	1,169,707
SUBTOTAL	288	$3,124,032	$149,816	$3,273,848

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Heating Equipment				
Central heating unit (furnace, broiler, power broiler, stoker)	63	$ 502,238	$ 67,040	$ 569,278
Service water heater	1	36,310	0	36,310
Space heater—stationary	197	1,721,219	127,851	1,849,070
Space heater—portable	4	16,217	2,100	18,317
Fireplace	16	241,886	6,432	248,318
Chimney—masonry	489	803,569	80,619	884,188
Flue pipe, vent connector	33	223,851	32,415	256,266
Chimney—factory-built, metal	2	649	0	649
Other than listed	10	89,000	0	89,000
SUBTOTAL	815	$3,634,939	$316,457	$3,951,396
Appliances and Equipment				
Television, picture-receiving or -reproducing equipment	5	$131,260	$ 300	$131,560
Radio, stereo phonograph, tape recorder	2	9,402	200	9,602
Clothes dryer	21	163,829	663	164,492
Washing machine	2	972	30,100	31,072
Air conditioning and refrigeration equipment—central	0	0	0	0
Air conditioning or dehumidifier—individual	1	11,206	0	11,206
Refrigeration unit—individual	3	10,928	100	11,028
Pressing iron, ironing machine	5	2,861	304	3,165
Portable generator	0	0	0	0
Lawnmower	7	47,277	100	47,377
Snowblower	0	0	0	0
Electric blanket, heating pad	2	681	100	781
Incinerator	0	0	0	0
Other than listed	15	131,480	11,176	142,656
SUBTOTAL	63	$509,896	$43,043	$552,939

TABLE VI—CONTINUED

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Electrical Distribution Equipment				
Electric wiring, cable — permanent (power line, junction box)	154	$1,749,740	$130,443	$1,880,183
Transformer	1	0	0	0
Switchgear	0	0	0	0
Panelboard, switchboard (fuse, circuit breaker)	18	129,546	2,700	132,246
Switch, outlet (receptacle, socket)	2	78,693	200	78,893
Electric wiring, cable—temporary (extension/appliance cord)	21	275,030	5,713	280,743
Signal, telephone equipment (low-voltage wiring)	0	0	0	0
Battery, rectifier (charger, rotary convertor)	5	700	0	700
Unclassified	76	2,183,939	85,977	2,269,916
SUBTOTAL	277	$4,417,648	$225,033	$4,642,681
Other Electrical Equipment				
Motor—1 h.p. and over	2	$ 2,060	$ 0	$ 2,060
Motor—under 1 h.p.	1	0	0	0
Electronic equipment—communications	0	0	0	0
Electronic equipment—data processing (digital & analog computer, electronic sorting equipment, electronic data processing equipment)	1	0	0	0
Incandescent lamp, light bulb	17	143,355	200	143,555
Fluorescent lamp	0	0	0	0
Unclassified	11	18,319	400	18,719
SUBTOTAL	32	$163,734	$600	$164,334
Smoker's Material and Open Flames				
Smoker's material	90	$1,107,161	$38,150	$1,145,311
Match, lighter—not used in conjunction with smoking	5	149,205	39,200	188,405

TABLE VI—Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Lamp	2	$ 104,500	$ 200	$ 104,700
Candle, taper	3	37,700	0	37,700
Cutting torch	3	0	0	0
Welding equipment	16	98,163	15,200	113,363
Torch—other than cutting, welding	20	189,919	950	190,869
Hot Ashes, embers	18	154,797	600	155,397
Unclassified	19	15,373	200	15,573
SUBTOTAL	196	$1,856,818	$94,500	$1,951,318
Exposure				
Structure—attached	0	$ 0	$ 0	$ 0
Structure—detached	4	4,823	400	5,223
Lumber yard	0	0	0	0
Outside storage container, tank	1	1,500	0	1,500
Open fire (campfire, bonfire, warning flare, rubbish fire, open incinerator)	5	32,646	0	32,646
Forest, trees	0	0	0	0
Grass, shrub, brush, scrub	23	45,264	55,600	100,864
Unclassified	1	300	0	300
SUBTOTAL	34	$84,533	$56,000	$140,533
Miscellaneous				
Internal combustion engine exhaust system	12	$36,696	$5,000	$41,696
Heat treatment equipment (furnace, oven, quench tank, casting, molding, forging)	1	0	0	0
Industrial oven (includes kiln)	1	500	0	500
Printing equipment	0	0	0	0
Explosives	0	0	0	0
Fireworks	1	1,050	100	1,150
Bearing, belting, conveyorbelt,	3	100	0	100

TABLE VI—Continued

No. of Igniting Object	Insured Fires	Uninsured Loss	Loss	Total
Machinery, equipment—commercial and industrial	9	52,918	138,364	191,282
Chemical reaction	13	207,176	44,500	251,676
Unclassified cannot be determined	788	8,070,091	492,014	8,562,105
SUBTOTAL	828	$ 8,368,531	$ 679,978	$ 9,048,509
TOTAL	2,571	$22,465,834	$1,573,818	$24,039,662

TABLE VII
BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1989–March 31, 1990)

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Arson or "Set Fires"				
Arson charges laid	1	$ 50,976	$ 0	$ 50,976
Suspected Arson	229	1,762,521	126,164	1,888,685
SUBTOTAL	230	$1,813,497	$126,164	$1,939,661
Misuse of Source of Ignition				
Smoker's material	85	$1,072,130	$ 38,170	$1,110,300
Thawing	8	34,213	700	34,913
Inadequate control of open fire	24	66,464	55,600	122,064
Child playing with	25	190,105	39,400	229,505
Welding or cutting too close to	9	19,517	5,000	24,517
Torch too close to	4	900	0	900
Unclassified	12	86,956	100	87,056
SUBTOTAL	167	$1,470,285	$138,970	$1,609,255
Misuse of Material Ignited				
Fuel spilled accidentally	7	$ 128,549	$ 200	$ 128,749
Improper fuelling technique	0	0	0	0
Flammable liquid to kindle fire	1	101,500	0	101,500
Cleaning, washing parts	1	0	0	0
Improper container: metal, plastic	0	0	0	0
Overheated cooking oil, grease, wax	156	2,329,426	70,406	2,399,832
Combustible placed too close to heat	40	413,800	33,326	447,126
Improper storage	1	500	0	500
Unclassified	18	50,970	500	51,470
SUBTOTAL	224	$3,024,745	$104,432	$3,129,177
Mechanical or Electrical Failure/Malfunction				
Part failure, leak, break	31	$107,308	$250	$107,558
Automatic control failure	0	0	0	0
Manual control failure	0	0	0	0

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Electrical short circuit	141	1,608,452	162,915	1,771,367
Part worn out	1	31,040	5,087	36,127
Unclassified	424	5,041,498	198,171	5,239,669
SUBTOTAL	597	$6,788,298	$366,423	$7,154,721
Construction, Design or Installation Deficiency				
Design deficiency	1	$ 500	$ 0	$ 500
Construction deficiency	4	14,380	0	14,380
Installed too close to combustible	25	559,362	55,115	614,477
Other installation deficiency	11	89,729	16,000	105,729
Overfusing	0	0	0	0
Suspected faulty connections involving aluminum wiring	0	0	0	0
Suspected faulty connections involving copper wiring	0	0	0	0
Unclassified	9	33,700	0	33,700
SUBTOTAL	50	$697,671	$71,115	$768,786
Misuse of Equipment				
Overfuelling	2	$214,800	$46,000	$260,800
Unclassified	22	65,437	400	65,837
SUBTOTAL	24	$280,237	$46,400	$326,637
Human Failing				
Asleep	7	$20,955	$40,000	$60,955
Temporary loss of judgement suspected (includes panic)	0	0	0	0
Physical or mental disability	0	0	0	0
Accident	5	81,433	578	82,011
Suspected impairment by alcohol, drugs or medication	0	0	0	0
Asleep—suspected use of alcohol, drugs or medication	1	0	500	500
Ignorance of hazard	340	419,023	28,263	447,286

TABLE VII—Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Distracted, preoccupied	0	0	0	0
Unclassified	32	112,931	9,300	122,231
SUBTOTAL	385	$634,342	$78,641	$712,983
Vehicle Accident				
Automobile	5	$29,131	$1,200	$30,331
Industrial truck	1	0	0	0
Other road vehicle	0	0	0	0
Rail vehicle	0	0	0	0
Watercraft	0	0	0	0
Aircraft	0	0	0	0
Unclassified	0	0	0	0
SUBTOTAL	6	$29,131	$1,200	$30,331
Miscellaneous				
Unclassified	888	$ 7,727,628	$ 640,473	$ 8,368,101
SURTOTAL	888	$ 7,727,628	$ 640,473	$ 8,368,101
TOTAL	2,571	$22,465,834	$1,573,818	$24,039,652

TABLE VIII
FIRES WHERE MONETARY LOSSES EXCEEDED $500,000
(April 1, 1989–March 31, 1990)

#	Location	Date	Classification	Amount	Listed Cause
1.	St. Peter's Richmond County	April 9, 1989	Highway garage	$1,500,000	Electrical
2.	Abercrombie Kings County	April 18, 1989	Golf and country club	$1,000,000	Undetermined
	TOTAL			$2,500,000	

TABLE IX
DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD
(April 1, 1980–March 31, 1990)

	Deaths					Injuries				
Year	Men	Women	Children	Fire fighters	Total	Men	Women	Children	Fire fighters	Total
1980-81	13	3	19	-	35	22	16	12	56	106
1981-82	13	2	6	-	21	35	14	7	75	131
1982-83	27	12	7	-	46	32	9	16	48	105
1983-84	11	5	10	-	26	29	12	8	24	73
1984-85	6	5	3	-	14	18	14	7	25	64
1985-86	11	5	1	-	17	26	17	-	52	95
1986-87	15	4	1	-	20	22	17	3	71	113
1987-88	24	11	1	-	36	24	8	5	36	73
1988-89	13	4	3	-	20	19	5	9	30	63
1989-90	18	6	10	1	35	14	6	3	29	52
TOTAL	151	57	61	1	270	241	118	70	446	875
AVERAGE PER YEAR	16	6	6	0	27	23	12	7	45	88

TABLE X
MONETARY LOSSES DUE TO FIRE
TEN-YEAR PERIOD
(April 1, 1980–March 31, 1990)

Year	No. of Fires	Losses		
		Insured	Uninsured	Total
1980–81	3,057	$ 34,562,831	$ 145,792	$ 34,708,623
1981–82	2,870	37,266,230	3,028,230	40,294,590
1982–83	2,589	28,241,772	923,134	29,164,906
1983–84	2,634	17,080,623	620,903	17,701,526
1984–85	2,824	21,481,525	669,827	22,151,352
1985–86	2,506	21,630,961	4,822,321	26,453,282
1986–87	2,450	21,453,014	1,333,718	22,786,732
1987–88	2,323	17,803,500	2,165,410	19,968,910
1988–89	2,365	22,096,340	1,575,018	23,671,358
1989–90	2,571	22,465,834	1,573,818	24,039,652
TOTAL	26,189	$244,082,630	$16,858,301	$260,940,931